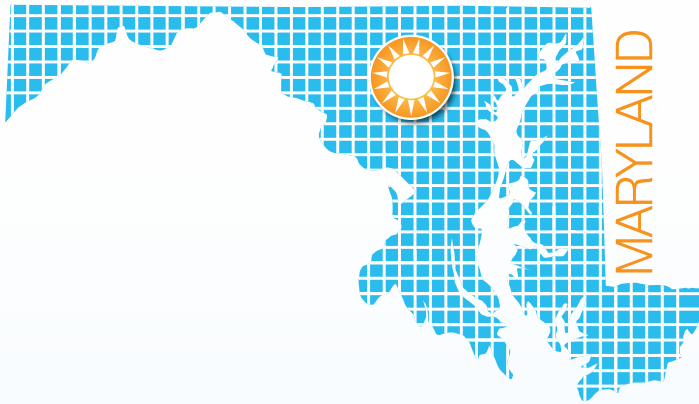


# FORT DETRICK



# Fort Detrick Large-Scale Renewable Energy Solar Project

In March 2015, the Defense Logistics Agency (DLA) Energy, in coordination with the Office of Energy Initiatives (OEI) and Fort Detrick, awarded a contract to Ameresco, Inc. for a ~15 megawatt (MW) alternating current\* solar project.

## Project Details

- The ~15 MW solar project includes a 25-year electricity purchase agreement
- The project will provide Fort Detrick with renewable energy at or below current and projected utility rates
- The facility will be designed to be micro-grid compatible
- All electricity from the solar facility will be consumed by Fort Detrick
- Ameresco, Inc. will build, own, operate and maintain the solar project and fund construction of a ~1 mile 4 kV distribution line
- The project is planned to be operational by March, 2016.

## About OEI

The Office of Energy Initiatives (OEI) centrally manages, develops, and executes large-scale renewable energy projects of 10 MW or greater by leveraging private financing. Renewable energy produced on Army installations increases energy security, enhances mission effectiveness, and provides a means to temper rising energy costs.

*\*Alternating current (AC) is provided to consumers. Inverters convert the direct current (DC) from solar panels to AC and losses occur during conversion. ~15 MW AC = ~18.6 MW DC.*

## About Fort Detrick

- Fort Detrick is located in Frederick, Maryland and its major missions include medical research and world-wide communications
- Fort Detrick is a pilot Net Zero installation with a goal of being Net Zero energy by 2020
- The Army's Net Zero energy strategy strives to reduce overall energy use, maximize efficiency, implement energy recovery and cogeneration opportunities, and then offset the remaining demand with the production of renewable energy from on-site sources
- Fort Detrick supports the Department of Defense, Department of Veterans Affairs, Department of Agriculture, Department of Homeland Security and Department of Health and Human Services

## About DLA Energy

For more than 70 years, DLA Energy has provided the Department of Defense and other government agencies with comprehensive energy solutions in the most effective and efficient manner possible. DLA Energy is a primary-level field activity of the Defense Logistics Agency, and is co-located at Fort Belvoir, Virginia. DLA Energy is one of the OEI's acquisition partners supporting renewable project efforts.

## About Ameresco

Ameresco, Inc. is an independent provider of comprehensive energy efficiency and renewable energy solutions for facilities throughout North America, delivering long-term value through innovative systems, strategies and technologies. Ameresco's solutions range from upgrades to facility's energy infrastructure to the development, construction and operation of renewable energy plants combined with tailored financial solutions. Ameresco works with all customers to reduce operating expenses, upgrade and maintain facilities, stabilize energy costs, increase energy reliability and enhance the environment.





## Solar Project Site



To continue the discussion and follow updates on social media, please use #HOOAHenergy and visit the Army's Office of Energy Initiatives (OEI) website at [www.oei.army.mil](http://www.oei.army.mil).



**AMERESCO**